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Attorney Docket No.: 02SPE133P

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

**Racanelli et al.**

Serial No.: 09/590,462

Filed: June 9, 2000

For: **Double-Implant High Performance  
Varactor And Method For  
Manufacturing Same**

Art Unit: 2815

Examiner: Jose R. Diaz

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9/3/02  
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AUG 20 2002  
TECHNOLOGY CENTER 2800

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

Honorable Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

Dear Sir/Madam:

This is in response to the Office Action dated April 2, 2002 in the above-referenced patent application. Please enter and consider the following amendments and remarks.

08/07/2002 ADSMAW1 00000097 09590462

01 FC:115

110.00 OP

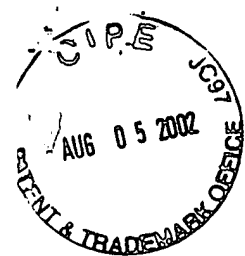
**In the Drawings:**

Applicant has deleted references to regions 22A and 22B in Figures 3-5 and deleted reference to region 22B in Figures 6-14. Marked-up copies of Figures 3-14 showing the proposed changes in red ink are included herewith.

Applicant has corrected reference to nitride spacers 111A and 111B in Figure 11. A marked-up copy of Figure 11 showing the proposed changes in red ink is included herewith.

Applicant has deleted reference sign "153" in Figures 15 and 16. Marked-up copies of Figures 15 and 16 showing the proposed changes in red ink are included herewith.

Applicant has added reference sign "162" in Figure 16. A marked-up copy of Figure 16 showing the proposed changes in red ink is included herewith.



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## AMENDMENT COVER SHEET

IN RE APPLICATION OF: Racanelli et al.

SERIAL NO.: 09/590,462 FILED: June 9, 2000

FOR: Double-Implant High Performance Varactor And Method For Manufacturing Same

HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

Sir:

Transmitted herewith is a paper in the above-identified application. Any necessary extension of time period set for this paper is hereby requested.

☐ No additional fee is required.

☒ The fee has been calculated as shown below:

☒ EXTENSION FEE

	RATE Non-Small Entity	RATE Small-Entity	FEE
FIRST MONTH AFTER TIME PERIOD SET	110.00	55.00	\$ 110.00
SECOND MONTH AFTER TIME PERIOD SET	400.00	200.00	\$
THIRD MONTH AFTER TIME PERIOD SET	920.00	460.00	\$
FOURTH MONTH AFTER TIME PERIOD SET	1,440.00	720.00	\$

☒ TOTAL EXTENSION FEE \$ 110.00

☐ FEE FOR EXTRA CLAIMS added by Amendment in this response:

	Column 1 Number of Claims after Amendment	Column 2 Number Previously Paid for	Column 3 Number of Extra Claims	RATE Non-Small Entity	RATE Small Entity	FEE
TOTAL CLAIMS	26	MINUS **44	* = 0	x 18	x 9	\$
INDEPENDENT	4	MINUS ***6	* = 0	x 84	x 42	\$
First presentation of multiple dependent claim				+ 280	+ 140	\$

TOTAL FEE FOR EXTRA CLAIMS \$ 0.00

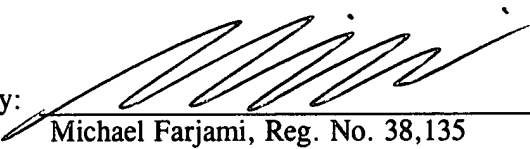
\* If the entry in Column 1 is less than the entry of Column 2, write "0" in Column 3.

\*\* If the number of Total Claims previously paid for is less than 20, write "20" in this space.

\*\*\* If the number of Independent Claims previously paid for is less than 3, write "3" in this space.

- ☐ Total fee for Supplemental Information Disclosure Statement \$ \_\_\_\_.
- ☒ Enclosed is the total fee of \$ 110.00.
- ☐ Please charge Deposit Account No. 50-0731 in the amount of \$ \_\_\_\_.
- ☒ The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication, or credit any overpayment to Deposit Account No. 50-0731. A duplicate copy of this sheet is enclosed.

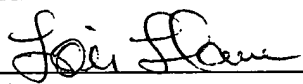
Date: 7/29/02

By:   
Michael Farjami, Reg. No. 38,135

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231, on:

7-29-02

  
Signature

Lori Llave  
Typed or Printed Name of Person Mailing Paper and/or Fee

Michael Farjami, Esq.  
Farjami & Farjami LLP  
16148 Sand Canyon  
Irvine, CA 92618  
(949) 784-4600